

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): LITTMAN ET AL.

SERIAL NO.: 08/861,105

DATE FILED: MARCH 21, 1997

EXAMINER: UNASSIGNED

ART UNIT: 1808

FOR: G-COUPLED RECEPTORS ASSOCIATED WITH MACROPHAGE-TROPHIC HIV, AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

 09/734221
 12/11/00
 #4
 6-1-01
CERTIFICATE OF MAILING UNDER 37 CFR § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on May 21, 1998

Michael D. Davis (Registration No. 39,161)

(Name of Registered Representative)

by: Yuan 5/20/98
(Signature and Date)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR § 1.97 and MPEP 717.05(b), Applicant submits herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant requests that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Since Publications AA through BD and BF through CC listed on the attached Form PTO-1449 were already supplied with an Information Disclosure Statement in connection with copending and related Application U.S. Serial No. 08/666,020, filed June 19, 1996, copies of the cited references are hereby not enclosed. Reference BE is being obtained and will be supplied as soon as it becomes available.

No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,

Michael D. Davis

Michael D. Davis
Attorney for Applicants
Registration No. 39,161

KLAUBER & JACKSON
411 Hackensack Avenue
Hackensack, New Jersey 07601
(201) 487-5800

E-mail: kjiplaw@webspan.net or 6261210@mcimail.com

Sheet 1 of 2

Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.: 1049-1-004 N1 SERIAL NO.: 08/861,105 APPLICANT: Littman et al. FILING DATE: March 21, 1997 GROUP: 1808
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AA	WO 94/24282	10/27/94	PCT			
AB	WO 96/23068	8/1/96	PCT			
AC	WO 96/41884	12/27/96	PCT			
AD	WO 97/21812	6/19/97	PCT			
AE	WO 97/22698	6/26/97	PCT			
AF	WO 97/32019	9/4/97	PCT			
AG	WO 97/44055	11/27/97	PCT			
AH	WO 97/44359	11/27/97	PCT			
AI	WO 97/44360	11/27/97	PCT			
AJ	WO 97/45543	12/4/97	PCT			

OTHER PRIOR ART (Including Author, Date, Pertinent Pages, Etc.)

AK	Ashorn et al. J. Virol. 64, 2149-2156 (1990)
AL	Bedinger et al. nature 334, 162-165 (1988)
AM	Ben-Baruch et al. J Biol Chem 270(38):22123-8 (1995)
AN	Bullough et al. Nature 371, 37-43 (1994)
AO	Chaudhuri, A., et al. J Biol Chem 269, 7835-8 (1994)
AP	Cheng-Mayer et al. Proc. Natl. Acad. Sci. USA 86, 8575-8579 (1989)
AQ	Cocchi, F., et al. Science 270, 1811-1815 (1996) (Cocchi et al.)
AR	Cohen, J. Science 272:809-10
AS	Connor, R.I. & Ho, D.D. J. Virol. 68, 4400-4408 (1994)
AT	Connor et al. Virology 206, 936-944 (1995)
AU	Combadiere et al. J Biol Chem 270, 16491-4 (1995)
AV	Cornelissen, M., et al. J. Virol. 69, 1810-1818 (1995)
AW	De Jong et al. J. Virol. 66, 6777-6780 (1992)
AX	Deng et al. (1996) Nature 381:661-6
AY	Dimitrov, D.S. Nature Medicine 2 640-641 (1996)
AZ	Dragic et al. (1996) Nature 381:667-73
BA	Feng et al. Science 272, 872-877 (1996) (Feng et al.)
BB	Fouchier, R.A., et al. J. Virol. 66, 3183-3187 (1992)
BC	Hanks et al. Science 269, 679-682 (1995)
BD	He, J., et al. J. Virol. 69, 6705-6711 (1995)

EXAMINER:

DATE CONSIDERED:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): LITTMAN ET AL.

SERIAL NO.: 08/861,105

DATE FILED: MARCH 21, 1997

EXAMINER: UNASSIGNED

ART UNIT: 1808

FOR: G-COUPLED RECEPTORS ASSOCIATED
MACROPHAGE-TROPIC HIV, AND DIAGNOSTIC
THERAPEUTIC USES THEREOFWITH
AND**CERTIFICATE OF MAILING UNDER 37 CFR § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on 11/21/99

Yan Wang

(Name of Registered Representative)

W. J. 11/21/99

(Signature and Date)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT

Upon the Examiner's request, we are forwarding the references listed in the Forms 1449 associated with the previous Information Disclosure Statements.

Enclosed please find copies of publications AA through BD and BF through CD listed on the attached Form PTO-1449. Reference BE is a general reference book, which can be forwarded upon the Examiner's request.

No fee is believed due for this filing. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,

Michael D. Davis
Attorney for Applicants
Registration No. 39,161

KLAUBER & JACKSON
411 Hackensack Avenue
Hackensack, New Jersey 07601
(201) 487-5800
E-mail: info@kjiplaw.com

Form PTO-1449 IRSY. 7.801 U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.: 1049-1-004 N1
LIST OF DOCUMENTARY INFORMATION CITED BY APPLICANT	SERIAL NO.: 18/861,105 APPLICANT: Littman et al. FILING DATE: March 21, 1997 GROUP: 1808

Sheet 1 of 2
Jc853 U.S. PTO
09/734221
12/11/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLAS	SUB- CLAS	FILING DATE IF APPROPRIATE
CD	5,695,993	12/9/97	Fukudome et al.	S	S	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLAS	SUB- CLAS	TRANSLATIO N YES NO
AA	WO 94/24282	10/27/94	PCT	S	S	
AB	WO 96/23068	8/1/96	PCT			
AC	WO 96/41884	12/27/96	PCT			
AD	WO 97/21812	6/19/97	PCT			
AE	WO 97/22698	6/26/97	PCT			
AF	WO 97/32019	9/4/97	PCT			
AG	WO 97/44055	11/27/97	PCT			
AH	WO 97/44359	11/27/97	PCT			
AI	WO 97/44360	11/27/97	PCT			
AJ	WO 97/45543	12/4/97	PCT			

OTHER PRIOR ART (Including Author, Date, Pertinent Pages, Etc.)

AK	Ashorn et al. J. Virol. 64, 2149-2156 (1990)
AL	Bedinger et al. nature 334, 162-165 (1988)
AM	Ben-Baruch et al. J Biol Chem 270(38):22123-8 (1995)
AN	Bullough et al. Nature 371, 37-43 (1994)
AO	Chaudhuri, A., et al. J Biol Chem 269, 7835-8 (1994)
AP	Cheng-Mayer et al. Proc. Natl. Acad. Sci. USA 86, 8575-8579 (1989)
AQ	Cocchi, F., et al. Science 270, 1811-1815 (1996) (Cocchi et al.)
AR	Cohen, J. Science 272:809-10
AS	Connor, R.I. & Ho, D.D. J. Virol. 68, 4400-4408 (1994)
AT	Connor et al. Virology 206, 936-944 (1995)
AU	Combadiere et al. J Biol Chem 270, 16491-4 (1995)
AV	Cornelissen, M., et al. J. Virol. 69, 1810-1818 (1995)
AW	De Jong et al. J. Virol. 66, 6777-6780 (1992)
AX	Deng et al. (1996) Nature 381:661-6
AY	Dimitrov, D.S. Nature Medicine 2 640-641 (1996)
AZ	Dragic et al. (1996) Nature 381:667-73
BA	Feng et al. Science 272, 872-877 (1996) (Feng et al.)
BB	Fouchier, R.A., et al. J. Virol. 66, 3183-3187 (1992)
BC	Hanks et al. Science 269, 679-682 (1995)
BD	He, J., et al. J. Virol. 69, 6705-6711 (1995)

EXAMINER:

DATE CONSIDERED:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

GROUP: 1808

BE	Hogan et al. <i>Manipulating the Mouse Embryo</i> . Cold Spring Harbor Laboratory Press, Cold Spring Harbor, N.Y. (1986)
BF	Hwang, S.S., Boyle, T.J., Lyerly, H.K. & Cullen, B.R. <i>Science</i> 253:71-4
BG	Jazin, E.E., et al. <i>Regul. Pept.</i> 47, 247-258 (1993)
BH	Killeen, N., Sawada, S. and Littman, D. R. <i>EMBO</i> 12 1547-1553 (1993).
BI	Koyanagi, Y., et al. <i>Science</i> 236, 819-822 (1987)
BJ	Landau, N.R., Warton, M. & Littman, D.R. <i>Nature</i> 334, 159-162 (1988)
BK	Landau, N.R., Page, K.A. & Littman, D.R. <i>J. Virol.</i> 65, 162-169 (1991)
BL	Landau, N.R. & Littman, D.R. <i>J. Virol.</i> 66, 5110-5113 (1992)
BM	Liu et al. <i>J. Virol.</i> 64, 6148-6153 (1990)
BN	Lusso, P., et al. <i>J. Virol.</i> 69, 3712-3720 (1995)
BO	Maddon, P.J., et al. <i>Cell</i> 47, 333-348 (1986)
BP	Morgenstern, J.P. & Land, H. <i>Nucl. Acids Res.</i> 18, 3587-3596 (1990)
BQ	Neote et al. <i>Cell</i> 72, 415-25 (1993)
BR	O'Brien, W.A., et al. <i>Nature</i> 348, 69-73 (1990)
BS	Page et al. <i>J. Virol.</i> 64, 5270-5276 (1990)
BT	Paxton, W.A., et al. <i>Nat. Med.</i> 2, 412-417 (1996)
BU	Pear et al. <i>Proc. Natl. Acad. Sci. USA</i> 90, 8392-8396 (1994)
BV	Power, C.A., et al. <i>J Biol Chem</i> 270, 19495-500 (1995).
BW	Samson et al. <i>Biochemistry</i> 35, 3362-3367 (1996)
BX	Sattentau, Q.J. & Weiss, R.A. <i>Cell</i> 52, 631-633 (1988)
BY	Sattentau et al. <i>Virol.</i> 67, 7383-7393 (1993)
BZ	Schuitemaker, H., et al. <i>J. Virol.</i> 66, 1354-60 (1992)
CA	Veenstra, J., et al. <i>Clin. Infect. Dis.</i> 21, 556-560 (1995)
CB	Westervelt, P., Gendelman, H.E. & Ratner, L. <i>Proc. Natl. Acad. Sci. USA</i> 88, 3097-101 (1991)
CC	Zhu, T., et al. <i>Science</i> 261, 1179-1181 (1993)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): LITTMAN ET AL.

SERIAL NO.: 08/861,105

EXAMINER: CLARK, D.

DATE FILED: MARCH 21, 1997

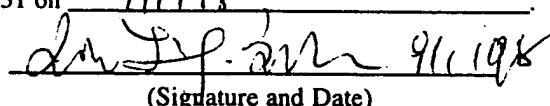
ART UNIT: 1633

FOR: METHODS OF IDENTIFYING G-COUPLED RECEPTORS
ASSOCIATED WITH MACROPHAGE-TROPHIC HIV, AND
DIAGNOSTIC AND THERAPEUTIC USES THEREOF**CERTIFICATE OF MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on 4/11/98

Michael D. Davis (Registration No. 39,161)

(Name of Registered Representative)

 4/11/98

(Signature and Date)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with Applicant's and Applicant's representatives' Duty of Disclosure under 37 CFR § 1.56, and pursuant to 37 CFR §1.97 and MPEP 717.05(b), Applicant(s) submit herewith documentary information for consideration by the Examiner. Information herein cited is only set forth in fulfillment of Applicant's duty of candor in disclosing all information brought to his attention, and is not an admission that it can be used adversely. The publications forwarded herewith are listed on the enclosed Form PTO-1449. Applicant(s) request that the Examiner, upon reviewing the enclosed materials, initial the enclosed form and return a copy thereof in accordance with the instructions on the form.

Enclosed please find a copy of Reference CD listed on the attached Form PTO-1449. No fee is believed due for the filing of this statement inasmuch as it is being filed before the mailing of the first official action on the merits. However, should the Patent and Trademark Office determine otherwise, authorization is hereby given to charge Deposit Account No. 11-1153 for this filing.

Respectfully submitted,



Michael D. Davis
Attorney for Applicants
Registration No. 39,161

KLAUBER & JACKSON
411 Hackensack Avenue
Hackensack, New Jersey 07601
(201) 487-5800

E-mail: kjiplaw@webspan.net or 6261210@mcimail.com

